



## NASA Glenn Aeronautics Explorer Post #630



**Tuesday 5-7 pm  
ERB Bldg. 5, Room 119**

Planning Meetings: Th noon ERB Cafeteria

### *Advisors:*

	work	home	Email
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### *Officers:*

President TBD  
Vice Pres. TBD  
Historian TBD  
Treasurer TBD

Devote at least two Saturdays for a Service Projects and a Scout outing. Nov 6 –yard charge

### *Schedule of Events*

- 9/13/04** NASA Open House
- 10/5 Introduction/Feed back/overview- Get to know the names, etc..  
What would you like to know? Ground rules, logistics
- 10/12 NASA overview – Discussion on expectation/Desires
- 10/19 Wind tunnel Facility Tour
- 10/26 Introduction to Computers, Physics, Aerodynamics and Propulsions
- 11/2 Introduction to structures and Bridge building contest
- 11/9 Wind tunnel Facility Tour
- 11/16 Holiday Gathering for the Post 630
- 11/23 **(Thanksgiving week) – no meeting**
- 11/30 How to get to Space Station: Space or bust
- 12/7 Aerospace Vehicles: History Etc...



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- |        |                                                              |
|--------|--------------------------------------------------------------|
| 12/14  | Holiday – Gathering - Science Fiction Night                  |
| 12/21  | Holiday week – no meeting                                    |
| 12/28  | Holiday week – no meeting                                    |
| 1/4/05 | Want to fly? How Wings Work [ $C_L$ , $C_D$ ]                |
| 1/11   | Model development                                            |
| 1/18   | Model development                                            |
| 1/25   | <b>Wind tunnel testing (Date may be adjusted)</b>            |
| 2/01   | Model development                                            |
| 2/08   | <b>Wind tunnel testing (Date may be adjusted)</b>            |
| 2/15   | Wind tunnel data analysis                                    |
| 2/22   | Engines – background information                             |
| 3/1    | Engines – Rotating parts, nonrotating parts                  |
| 3/8    | Engine Demonstration Preparations                            |
| 3/15   | <b>Engine Testing</b>                                        |
| 3/22   | Engine Demonstration Preparations                            |
| 3/29   | <b>Engine Testing</b>                                        |
| 4/5    | <b>Engine Data Analysis/Discussions</b>                      |
| 4/12   | Aerodynamics I /Propulsion I                                 |
| 4/19   | <b>Post Cross-Over Night: Aero Post and/or Computer Post</b> |
| 4/26   | Aerodynamics II/Propulsion II / Fun Hour                     |
| 5/5    | Mini-Conference Planning; Aero Wrap-up                       |
| 5/12   | Post Picnic/Year End gathering                               |
| 5/19   | Mini-Conference (w/ Computer Post & Families)                |